

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/943,722DATE: 02/13/2002
TIME: 21:37:15

INPUT SET: S36725.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

#2-

1 SEQUENCE LISTING
2
3 (1) General Information:
4
5 (i) APPLICANT:
6 (A) NAME: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
7 REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH
8 AND HUMAN SERVICES
9 (B) STREET: BOX OTT
10 (C) CITY: BETHESDA
11 (D) STATE OR PROVINCE: MARYLAND
12 (E) COUNTRY: UNITED STATES OF AMERICA
13 (F) POSTAL CODE: 20892
14
15 (i) APPLICANT:
16 (A) NAME: PAVLAKIS, GEORGE N.
17 (B) STREET: 9 PURDUE COURT
18 (C) CITY: ROCKVILLE
19 (D) STATE OR PROVINCE: MARYLAND
20 (E) COUNTRY: UNITED STATES OF AMERICA
21 (F) POSTAL CODE: 20850
22
23 (i) APPLICANT:
24 (A) NAME: FELBER, BARBARA K.
25 (B) STREET: 9 PURDUE COURT
26 (C) CITY: ROCKVILLE
27 (D) STATE OR PROVINCE: MARYLAND
28 (E) COUNTRY: UNITED STATES OF AMERICA
29 (F) POSTAL CODE: 20850
30
31 (ii) TITLE OF INVENTION: METHOD OF ELIMINATING
32 INHIBITORY/INSTABILITY REGIONS OF mRNA
33
34 (iii) NUMBER OF SEQUENCES: 130
35
36 (iv) CORRESPONDENCE ADDRESS:
37 (A) ADDRESSEE: MORGAN & FINNEGAN
38 (B) STREET: 345 PARK AVENUE
39 (C) CITY: NEW YORK
40 (D) STATE: NEW YORK
41 (E) COUNTRY: USA
42 (F) ZIP: 10154
43
44 (v) COMPUTER READABLE FORM:
45 (A) MEDIUM TYPE: FLOPPY DISK
46 (B) COMPUTER: IBM PC COMPATIBLE

ENTERED

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47 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
48 (D) SOFTWARE: WORDPERFECT 5.1
49
50 (vi) CURRENT APPLICATION DATA:
51 (A) APPLICATION NUMBER: 09/943,722
52 (B) FILING DATE:
53 (C) CLASSIFICATION:
54
55 (vii) PRIOR APPLICATION DATA:
56 (A) APPLICATION NUMBER: 08/850,049
57 (B) FILING DATE:
58
59 (vii) PRIOR APPLICATION DATA:
60 (A) APPLICATION NUMBER: US 08/050,478
61 (B) FILING DATE: 26-OCT-1994
62 (C) CLASSIFICATION:435
--> 63
64
65 (vii) PRIOR APPLICATION DATA:
66 (A) APPLICATION NUMBER: PCT/US93/02908
67 (B) FILING DATE: 29-MAR-1993
--> 68 (C) CLASSIFICATION:435
69
70 (vii) PRIOR APPLICATION DATA:
71 (A) APPLICATION NUMBER: US 07/858,747
72 (B) FILING DATE: 27-MAR-1992
--> 73 (C) CLASSIFICATION:435
74
75 (viii) ATTORNEY/AGENT INFORMATION:
76 (A) NAME: MORRY, MARY J.
77
78
79
80
81
82
83
84
85 (B) REGISTRATION NUMBER: 34,398
86 (C) REFERENCE/DOCKET NUMBER: 2026-4006US1
87
88 (ix) TELECOMMUNICATION INFORMATION:
89 (A) TELEPHONE: (212) 758-4800
90 (B) TELEFAX: (212) 751-6849
91
92 (2) INFORMATION FOR SEQ ID NO: 1:
93
94 (i) SEQUENCE CHARACTERISTICS:
95 (A) LENGTH: 396 BASE PAIRS
96 (B) TYPE: NUCLEIC ACID
97 (C) STRANDEDNESS: SINGLE
98 (D) TOPOLOGY: LINEAR
99

RAW SEQUENCE LISTING
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100 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 1:
101
102 ATGGGTGCGA GAGCGTCAGT ATTAAGCGGG GGAGAATTAG ATCGATGGGA AAAAATTGGG60
103
104 TTAAGGCCAG GGGGAAAGAA AAAATATAAA TTAAACATA TAGTATGGC AAGCAGGGAG120
105
106 CTAGAACGAT TCGCAGTTAA TCCTGGCCTG TTAGAACAT CAGAAGGCTG TAGACAAATA180
107
108 CTGGGACAGC TACAACCATC CCTTCAGACA GGATCAGAAG AACTTAGATC ATTATATAAT240
109
110 ACAGTAGCAA CCCTCTATTG TGTGCATCAA AGGATAGAGA TAAAAGACAC CAAGGAAGCT300
111
112 TTAGACAAGA TAGAGGAAGA GCAAAACAAA AGTAAGAAAA AAGCACAGCA AGCAGCAGCT360
113
114 GACACAGGAC ACAGCAATCA GGTCAGCCAA AATTAC 396
115
116

117 (2) INFORMATION FOR SEQ ID NO: 2:

118
119 (i) SEQUENCE CHARACTERISTICS:
120 (A) LENGTH: 51 BASE PAIRS
121 (B) TYPE: NUCLEIC ACID
122 (C) STRANDEDNESS: SINGLE
123 (D) TOPOLOGY: LINEAR
124

125 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 2:
126

127 CCAGGGGGAA AGAAAAAATA TAAATTAAAA CATATAGTAT GGGCAAGCAG G 51
128

129 (2) INFORMATION FOR SEQ ID NO: 3:

130
131 (i) SEQUENCE CHARACTERISTICS:
132 (A) LENGTH: 48 BASE PAIRS
133 (B) TYPE: NUCLEIC ACID
134 (C) STRANDEDNESS: SINGLE
135 (D) TOPOLOGY: LINEAR
136

137 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 3:
138

139
140 CCTTCAGACA GGATCAGAAG AACTTAGATC ATTATATAAT ACAGTAGC 48
141

142 (2) INFORMATION FOR SEQ ID NO: 4:

143
144 (i) SEQUENCE CHARACTERISTICS:
145 (A) LENGTH: 50 BASE PAIRS
146 (B) TYPE: NUCLEIC ACID
147 (C) STRANDEDNESS: SINGLE
148 (D) TOPOLOGY: LINEAR
149

150 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 4:
151

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153 ACCCTCTATT GTGTGCATCA AAGGATAGAG ATAAAAGACA CCAAGGAAGC 50
154
155
156
157
158
159
160
161
162
163
164 (2) INFORMATION FOR SEQ ID NO: 5:
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH: 50 BASE PAIRS
167 (B) TYPE: NUCLEIC ACID
168 (C) STRANDEDNESS: SINGLE
169 (D) TOPOLOGY: LINEAR
170
171 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
172
173 GAGCAAAACA AAAGTAAGAA AAAAGCACAG CAAGCAGCAG CTGACACAGG 50
174
175
176 (2) INFORMATION FOR SEQ ID NO: 6:
177
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 51 BASE PAIRS
180 (B) TYPE: NUCLEIC ACID
181 (C) STRANDEDNESS: SINGLE
182 (D) TOPOLOGY: LINEAR
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
185
186 CCAGGGGAA AGAAGAAGTA CAAGCTAAAG CACATCGTAT GGGCAAGCAG G 51
187
188
189 (2) INFORMATION FOR SEQ ID NO: 7:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 48 BASE PAIRS
193 (B) TYPE: NUCLEIC ACID
194 (C) STRANDEDNESS: SINGLE
195 (D) TOPOLOGY: LINEAR
196
197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
198
199 CCTTCAGACA GGATCAGAGG AGCTTCGATC ACTATACAAC ACAGTAGC 48
200
201
202 (2) INFORMATION FOR SEQ ID NO: 8:
203
204 (i) SEQUENCE CHARACTERISTICS:
205 (A) LENGTH: 50 BASE PAIRS

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206 (B) TYPE: NUCLEIC ACID
207 (C) STRANDEDNESS: SINGLE
208 (D) TOPOLOGY: LINEAR
209
210 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
211
212 ACCCTCTATT GTGTGCACCA GCGGATCGAG ATCAAGGACA CCAAGGAAGC 50
213
214
215 (2) INFORMATION FOR SEQ ID NO: 9:
216
217 (i) SEQUENCE CHARACTERISTICS:
218 (A) LENGTH: 50 BASE PAIRS
219 (B) TYPE: NUCLEIC ACID
220 (C) STRANDEDNESS: SINGLE
221 (D) TOPOLOGY: LINEAR
222
223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
224
225 GAGCAAAACA AGTCCAAGAA GAAGGCCAG CAGGCAGCAG CTGACACAGG 50
226
227
228 (2) INFORMATION FOR SEQ ID NO: 10:
229
230 (i) SEQUENCE CHARACTERISTICS:
231 (A) LENGTH: 68 BASE PAIRS
232 (B) TYPE: NUCLEIC ACID
233 (C) STRANDEDNESS: SINGLE
234 (D) TOPOLOGY: LINEAR
235
236
237
238
239
240
241
242
243
244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
245
246 GAATAGTGCT GTTAACCTCC TGAACGCTAC CGCTATGCC GTGGCGGAAG GAACCGACAG 60
247
248 GGTTATAG 68
249
250
251 (2) INFORMATION FOR SEQ ID NO: 11:
252
253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 62 BASE PAIRS
255 (B) TYPE: NUCLEIC ACID
256 (C) STRANDEDNESS: SINGLE
257 (D) TOPOLOGY: LINEAR
258

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/943,722DATE: 02/13/2002
TIME: 21:37:19

INPUT SET: S36725.raw

| Line | Error | Original Text |
|------|---------------------------------|--|
| 5 | Mandatory Value Not Present | (i) APPLICANT: |
| 6 | Unknown or Misplaced Identifier | (A) NAME: THE GOVERNMENT OF THE UNITED STA |
| 9 | Unknown or Misplaced Identifier | (B) STREET: BOX OTT |
| 10 | Unknown or Misplaced Identifier | (C) CITY: BETHESDA |
| 11 | Unknown or Misplaced Identifier | (D) STATE OR PROVINCE: MARYLAND |
| 12 | Unknown or Misplaced Identifier | (E) COUNTRY: UNITED STATES OF AMERICA |
| 13 | Unknown or Misplaced Identifier | (F) POSTAL CODE: 20892 |
| 15 | Mandatory Value Not Present | (i) APPLICANT: |
| 16 | Unknown or Misplaced Identifier | (A) NAME: PAVLAKIS, GEORGE N. |
| 17 | Unknown or Misplaced Identifier | (B) STREET: 9 PURDUE COURT |
| 18 | Unknown or Misplaced Identifier | (C) CITY: ROCKVILLE |
| 19 | Unknown or Misplaced Identifier | (D) STATE OR PROVINCE: MARYLAND |
| 20 | Unknown or Misplaced Identifier | (E) COUNTRY: UNITED STATES OF AMERICA |
| 21 | Unknown or Misplaced Identifier | (F) POSTAL CODE: 20850 |
| 23 | Mandatory Value Not Present | (i) APPLICANT: |
| 24 | Unknown or Misplaced Identifier | (A) NAME: FELBER, BARBARA K. |
| 25 | Unknown or Misplaced Identifier | (B) STREET: 9 PURDUE COURT |
| 26 | Unknown or Misplaced Identifier | (C) CITY: ROCKVILLE |
| 27 | Unknown or Misplaced Identifier | (D) STATE OR PROVINCE: MARYLAND |
| 28 | Unknown or Misplaced Identifier | (E) COUNTRY: UNITED STATES OF AMERICA |
| 29 | Unknown or Misplaced Identifier | (F) POSTAL CODE: 20850 |
| 63 | Wrong Classification | (C) CLASSIFICATION:435 |
| 68 | Wrong Classification | (C) CLASSIFICATION:435 |
| 73 | Wrong Classification | (C) CLASSIFICATION:435 |

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SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/943,722

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INPUT SET: S36725.raw

<< THERE ARE NO ITEMS MISSING >>

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SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/943,722

DATE: 02/13/2002
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INPUT SET: S36725.raw

Line

Original Text

Corrected Text